AMENDMENT AND PRESENTATION OF CLAIMS

Please replace all prior claims in the present application with the following claims.

1. (Previously Presented) A method comprising:

receiving an electronic mail message at a mobile station,

determining to indicate, at the mobile station, the electronic mail message by a level as to a

preference of the electronic mail message for a user of the mobile station,

determining to transfer data information indicating the preference to a computing system

operating a mail agent, and

receiving a list indicating the order of preference for a plurality of electronic mail messages

for the user based, at least in part, on the data information.

2. (Currently Amended) A method according to claim 1, wherein the ~~step of processing~~

list is based on an appliance of at least one algorithm based on a statistical analysis of <u>a</u> linguistic

~~contents~~ <u>content</u> of the electronic mail message.

3. (Currently Amended) A method according to claim 2, wherein the ~~step of processing~~

~~further comprises~~ <u>list is further based on</u> applying a user profile containing information about the

preference of the user for certain electronic mail messages.

4. (Currently Amended) A method according to claim 2, wherein the linguistic ~~contents~~

<u>content</u> comprises terms.

5.   (Original)   A method according to claim 4, wherein the terms comprises predetermined character strings.

6.   (Currently Amended)   A method according to claim 2, wherein the ~~step of processing further comprises~~ list is further based on a selection of a relevant word.

7.   (Previously Presented)   A method according to claim 6, wherein the selection of the relevant word comprises dividing the electronic mail messages into two groups: interesting, and not having a particular relevancy.

8.   (Currently Amended)   A method according to claim 2, wherein the ~~step of processing further comprises~~ list is further based on an appliance of a priority model, wherein the priority model contains beforehand established pattern for the user about the preference of the user for certain electronic mail messages.

9.   (Currently Amended)   A method according to claim 2, wherein the ~~step of processing further comprises~~ list is further based on an appliance of a message priority.

10.   (Original)   A method according to claim 1, wherein the preference for electronic mail message comprises at least one of electronic mail message having a relevance for the user, and electronic mail message not having a particular relevance for the user.

11.   (Currently Amended)   A method according to claim 1, wherein the <u>determination to</u> <u>indicate</u> ~~step of indicating~~ comprises entering an option depicting the preference by the mobile station for the electronic mail message.

12.   (Original)   A method according to claim 1, wherein the order of preference for electronic mail messages comprises a list, wherein the most preferred electronic mail messages are among the firsts in the list, and as the list proceeds, the less relevancy the electronic mail messages for the user establish.

13.   (Original)   A method according to claim 1, wherein at least a part of the electronic mail message is contained in a message viable in a mobile environment.

14.   (Original)   A method according to claim 13, wherein the message comprises at least one of a data packet for a transfer in a packet based mobile environment, a SMS for transfer in a GSM environment, USSD for transfer in a GSM environment, R-data for transfer in a TDMA environment.

15.   (Original)   A method according to claim 2, wherein the algorithm is based on an equation,

$f \leftarrow \Pi(f)$, wherein $\Pi = \Gamma_n(f + \gamma \cdot \Pi)$, wherein

Π represents a vector of frequencies for terms that are the most frequent,

$(f + \gamma \cdot \Pi)$ represents an expression that the words are slowly forgotten if they are not used in the latest messages,

γ represents at least one of an adjustable parameter that affects adaptation properties, and a forgetting factor,

Γ_η represents a function that cuts off all entries that are not among the η most common words, and

η represents an experimentally selected value to define a size of the user's preference model.

16. (Previously Presented) A method comprising:

receiving an electronic mail message at a computing system operating a mail agent,

determining to process the electronic mail message for resulting in an order of preference for electronic mail messages for a user of a mobile station, and

determining to transfer a list indicating the order of preference for the electronic mail messages for the user to the mobile station.

17. (Currently Amended) A system ~~for obtaining an electronic mail service for a mobile station, the system~~ comprising:

a mobile station <u>configured</u> ~~for receiving~~ <u>to receive</u> an electronic mail ~~message and for message,~~ indicating the electronic mail message by a level as to a preference of the electronic mail message for a user of the mobile station, <u>and determining to transfer data information indicating the preference; and</u>

~~a network for transferring data information indicating the preference to a computing system operating a mail agent, and~~

[[the]] a computing system <u>configured to receive the data information and</u> operating [[the]] <u>a</u>

mail agent for processing the data information indicating the preference for resulting in an

order of preference for electronic mail messages for the user.

18.   (Currently Amended)   A system according to claim 17, wherein the mail agent

processing is based on an appliance of at least one algorithm based on a statistical analysis of <u>a</u>

linguistic ~~contents~~ <u>content</u> of the electronic mail message.

19.   (Original)   A system according to claim 18, wherein the mail agent processing further

comprises an appliance of a user profile containing information about the preference of the user

for certain electronic mail messages.

20.   (Currently Amended)   A system according to claim 18, wherein the linguistic ~~contents~~

<u>content</u> comprises terms.

21.   (Currently Amended)   A system according to claim 20, wherein the terms ~~comprises~~

<u>comprise</u> predetermined character strings.

22.   (Original)   A system according to claim 18, wherein the mail agent processing further

comprises a selection of a relevant word.

23.   (Previously Presented)   A system according to claim 22, wherein the selection of the

relevant word comprises dividing the electronic mail messages into two groups: interesting and

not having a particular relevancy.

24.   (Original)   A system according to claim 18, wherein the mail agent processing further comprises an appliance of a priority model, wherein the priority model contains beforehand established pattern for the user about the preference of the user for certain electronic mail messages.

25.   (Original)   A system according to claim 18, wherein the mail agent processing further comprises an appliance of a message priority.

26.   (Original)   A system according to claim 17, wherein the preference for electronic mail message comprises at least one of electronic mail message having a relevance for the user, and electronic mail message not having a particular relevance for the user.

27.   (Original)   A system according to claim 17, wherein the order of preference for electronic mail messages comprises a list, wherein the most preferred electronic mail messages are among the firsts in the list, and as the list proceeds, the less relevancy the electronic mail messages for the user establish.

28.   (Original)   A system according to claim 17, wherein at least a part of the electronic mail message is contained in a message viable in a mobile environment.

29.   (Original)   A system according to claim 28, wherein the message comprises at least one of a data packet for a transfer in a packet based mobile environment, a SMS for transfer in a GSM environment, USSD for transfer in a GSM environment, R-data for transfer in a TDMA environment.

30.   (Currently Amended)   A system according to claim 17, wherein the <u>system further</u>

<u>comprises</u> ~~network comprises~~ a mobile network and a fixed network.

31.   (Currently Amended)   <u>An apparatus comprising:</u>

<u>at least one processor; and</u>

<u>at least one memory including computer program code for one or more programs, the at least</u>

>   <u>one memory and the computer program code configured to, with the at least one</u>

>   <u>processor, cause the apparatus to perform at least the following:</u>

>   <u>receive an electronic mail message at a computing system operating a mail agent,</u>

>   <u>determine to process the electronic mail message for resulting in an order of preference</u>

>   >   <u>for electronic mail messages for a user of a mobile station, and</u>

>   <u>determine to transfer a list indicating the order of preference for the electronic mail</u>

>   >   <u>messages for the user to the mobile station.</u>

~~A system for providing an electronic mail service for a mobile station, the system~~

~~comprising:~~

>   ~~a computing system operating a mail agent for receiving an electronic mail message, and for~~

>   >   ~~processing the electronic mail message for resulting in an order of preference for~~

>   >   ~~electronic mail messages for a user of the mobile station, and~~

>   ~~a network for transferring a list indicating the order of preference for the electronic mail~~

>   >   ~~messages for the user to the mobile station.~~

32.   (Currently Amended)   An apparatus comprising:

at least one processor; and

at least one memory including computer program code for one or more programs, the at least
one memory and the computer program code configured to, with the at least one
processor, cause the apparatus to perform at least the following:

determine to present <u>a received</u> [[an]] electronic mail message at <u>the apparatus,</u> ~~a mobile
station,~~

<u>determine to</u> indicate the electronic mail message by a level as to a preference of the
electronic mail message for a user of the <u>apparatus</u> ~~mobile station,~~

determine to transfer data information indicating the preference to a computing system
operating a mail agent, wherein the mail agent is for processing data information
indicating the preference for resulting in an order of preference for electronic mail
messages for the user, and

receive a list indicating the order of preference.

33.   (Currently Amended)   A non-transitory computer-readable storage medium carrying
one or more sequences of one or more instructions which, when executed by one or more
processors, cause an apparatus to at least perform the following steps:

~~receiving~~ <u>presenting a received</u> [[an]] electronic mail message at the <u>apparatus,</u> ~~mobile
station,~~

~~receiving, from the mobile station, an indication for~~ <u>determining to indicate</u> the electronic
mail message by a level as to a preference of the electronic mail message for a user of the
<u>apparatus,</u> ~~mobile station,~~

determining to transfer data information indicating the preference to a computing system
operating a mail agent, <u>and</u>

receiving a list indicating the order of preference.

~~determining to process the data information indicating the preference for resulting in an order~~

~~of preference for electronic mail messages for the user, and~~

~~determining to transfer a list indicating the order of preference to the mobile station.~~

34.   (Previously Presented)   A non-transitory computer-readable storage medium carrying one or more sequences of one or more instructions which, when executed by one or more processors, cause an apparatus to at least perform the following steps:

receiving an electronic mail message at a computing system operating a mail agent,

determining to process the electronic mail message for resulting in an order of preference for

electronic mail messages for a user of the mobile station, and

determining to transfer a list indicating the order of preference for the electronic mail

messages for the user to the mobile station.